

SIMK, J.; HAVEL, V.; VESELY, C.

Contribution to the study of reticulocytes following phenyl-hydrazine administration. Cesk. fysiol. 8 no.6:553-554 N '59

1. Fysiologicky ustav. Lek. fak. KU Hradec Kralove.
(ERYTHROCYTE COUNT, pharmacol.)
(PHENYLHYDRAZINE, pharmacol.)

FALTYNEK, L.; VESELY, C.

On the problem of central regulation of the auditory analyzer.
Cesk. otolaryng. 12 no.2:72-76 Mr '63.

1. Klinika nemoci usmich, nosnich a krchnich lekarske fakulty
KU v Hradci Kralove, prednosta prof. dr. J. Hybásek, DrSc.
Katedra normalni fyziologie lekarske fakulty KU v Hradci Kralove,
vedouci prof. dr. J. Melka.
(CENTRAL NERVOUS SYSTEM) (HEARING)

VESELY, Ctibor; SEFERNA, Isidor; GROSSMANN, Vojtech.

Changes in the effect of thiopental and their influencing in
irradiated animals. Sborn.ved. prac.lek.fak.Karlov.Univ.
(Hrad.Kral.) 6 no.1:89-93 '63.

1. Department of Pharmacology; head:prof.V.Grossmann, M.D.;
Charles University Faculty of Medicine, Hradec Kralcve.

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"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

PEREGRIN, J.; SKRANC, O.; VESELY, C.; SVERAK, J.

Conditioned reflexes produced by the post-activation potentiation
in the activity of the human visual analyzer. Cesk.fysiol. 9 no.3:
255-256 My '60.

1. Fysiologicka katedra a oculi klinika lek. fakulty KU, Hradec
Kralove.

(REFLEX CONDITIONED)
(VISION physiol)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

VESELY,Ct.; TVRDÍK,V.; TVRDÍKOVA,B.

Contribution to the treatment of trichomonal discharge. Česk.
gyn. 25[39] no. 1/2:120-122 Mr '60.

1. II. gyn.-por. klinika KU, prednosta prof. MUDr. J. Inkas, Dr. Sc.
(TRICHOMONAS INFECTIONS ther.)
(LEUKORHÉA ther.)
(ANTIMALARIALS ther.)

SIMEK, J.; HAVIL, V.; VESELY, O.

Nucleic acid metabolism in the bone marrow and in the spleen in
nephrectomized and anemized rats. Cesk. fysiol. 9 no.1:56-57 Ja 60.

1. Fysiologicky ustav lek. fak. KU, Hradec Kralove.
(BONE MARROW metab.)
(SPLEEN metab.)
(NUCLEIC ACID metab.)
(NEPHRECTOMY exper.)

GROSSMANN, V.; VESELY, G.

Changes in the effect of thiopental on ECG in rabbits following
irradiation. Cesk. fysiol. 9 no.1:78-79 Ja 60.

1. Farmakologicky ustanov lek. fak. KU, Fysiologicky ustanov lek. fak.
KU, Hradec Králové.
(THIOPENTAL pharmacol.)
(ELECTROCARDIOGRAPHY)
(RADIATION EFFECTS exper.)

MELKA, J.; PEREGRIN, J.; HAVEL, V.; SKRANC, O.; STIMEK, J.; VESELY, C.

Attempted determination of fatigue during the course of a very strenuous physical work. Pracovni lek. 14 no.5:231-235 Je '62.

1. Katedra fyziologie lekarske fakulty Karlovy univerzity v Hradci Kralove, prednosta prof. MUDr. J. Melka.
(FATIGUE)

~~G~~ CZECHOSLOVAKIA

GROSSMAN, V.; MRAZCOVA, J.; VESELY, O.; Department of Pharmacology and Department of Physiology, Charles University Faculty of Medicine, Hradec Kralove.

"Modification by Ionizing Radiation of the Central Nervous Reactivity to Stimulating Drugs."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp 346 - 351

Abstract: (Authors' English Abstract) A study was made of the effect of drugs stimulating the CNS in mice, rats, and rabbits during 6 days after irradiation with a mean lethal dose of X-rays. It was found that mice showed a lowered intravenous toxicity and increased convulsion to a lethal dose of pentazol, pentazol treated rats had a lowered motor activity after an original hyperactivity, and rabbits showed shortening of the pentazol ECoG changes. Some rats developed a defensive conditioned reflex under standard conditions. These were improved by caffein, methylphenyldat, benzedrine. Radiation probably does not affect in a special way definite processes, but probably disturbs energetic metabolism. 3 Figures, 2 Tables, 5 Western, 5 Czech, 12 Russian, 1 Hungarian reference.

1/1

- 1 -

CZECHOSLOVAKIA

MACKU, J., TIKAL, K. and VESELY, C.; Department of Medical Physics, Department of Pharmacology and Department of Physiology of the Medical Faculty of the Charles University (Ustav lekarske fysiky, Farmakologicky ustav a Fysiologicky ustav lekarske fakulty Karlove University,) Hradec Kralove.

"Use of Modular Universal Impulse Unit in Electrophysiology."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 4, July 1963; pp 279-282.

Abstract: Description of device composed of 6 functional units, essentially generator, rectifier, selector, modulator and recorder. The primary use of this impulse generator is transient stimulation with derivative and 90° impulses whose intensity or amplitude can be changed independently. Several applications are described, including study of frog ischiadic nerve action potential dependency on amplitude of stimulatory impulse. Seven graphs, electrical schematic diagram, 2 diagrams, 1 photograph; 5 Czech references.

1/1

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GROSSMANN, V.; MRAZOVÁ, J.; VESELY, C.

Modification by ionising radiation of the central nervous
reactivity to stimulating drugs. Activ. nerv. sup. 5 no.4:
346-351 '63.

1. Department of Pharmacology and Department of Physiology,
Charles University, Faculty of Medicine, Hradec Kralove.

VESELY, Ctibor

Memory. Sborn. ved. prac. lek. fak. Karlov. Univ. (Hrad. Kral.)
7 no. 5: Suppl.: 431-432 '64.

1. Katedra fyziologie (prednosta prof. MUDr. J. Melka).

CZ/0088/85/000/006/0551/0559

AUTHOR: Macků, Jiří (Engineer, Candidate of science); Nádvorník, Pavel (Docent, Doctor, Candidate of science); Veselý, Ctibor (Doctor, Candidate of science)

ORG: Faculty of Medicine, KU, Hradec Králové (lékařská faculta KU)

TITLE: Model of a neuron with self-organizing capacity [Paper presented at the Seminar of the Main Commission of Cybernetics Problems in Biology and Medicine attached to the Ministry of Health held in Prague from 22 to 23 April 1965]

SOURCE: Kybernetika, no. 6, 1965, 551-559

TOPIC TAGS: neuron, cybernetics, self organizing system

ABSTRACT: This is the text of a lecture presented at a Seminar of the Commission for Cybernetics in Biology and Medicine attached to the Ministry of Health. The authors propose an electronic model of a neuron. The model represents more accurately the properties of a real neuron according to the present concepts than the models described previously. The most important property of the new model is its self-organizing capacity made possible by its memory. This self-organizing capacity influences the threshold according to the processed signals and provides for a spontaneous reorganization of the network from the original monistic network to

VESELY, C.; SEFERNA, I.; GROSSMANN, V.

Effect of Guaiacuran on the EEG in rabbits poisoned with tetanus
toxin. Activ. nerv. sup. 4 no.2:223 '62.

1. Fyziologicky a farmakologicky ustav lekarske fakulty Karlovy
university v Hradci Kralove.

(MUSCLE RELAXANTS pharmacol)
(ELECTROENCEPHALOGRAPHY)
(TETANUS) (TOXINS AND ANTITOXINS)

VESELY, Ctibor

Contribution to the problem of central regulation of the peripheral segment of the acoustic analyzer. Sborn.ved.prac. lek. fak. Karlov. Univ. (Hrad.Kral) 6 no.2:Supplement: 247-267 '63.

1. Katedra fyziologie; prednosta: prof., MUDr. J. Molka, Karlova universita, Hradci Kralove.

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L 30728-66

ACC NR: AP6022103

SOURCE CODE: CZ/0039/65/026/012/0701/0708

AUTHOR: Macku, Jiri (Candidate of sciences; Engineer); Hadyrnik, Pavel (Docent;²¹ Doctor of medicine, Candidate of sciences); Vesely, Ctibor (Doctor of medicine;²¹ Candidate of sciences)
ORG: Department of Physics, Neurosurgical Clinic, Charles University, Hradec Kralove (Katedra fyziky neurochirurgicka klinika Karlovy university); Department of Physiology, Medical Faculty, Charles University, Hradec Kralove (Katedra fysiologie, lekarske fakulty, Karlovy university)

TITLE: Modelling a neuron ²²

SOURCE: Slaboproudny obzor, v. 26, no. 12, 1965, 701-708

TOPIC TAGS: neuron, morphology, physiology, anatomic model

ABSTRACT: The paper describes recent problems connected with modelling the neuron as the basic element for processing information within the nervous system. The morphological and physiological properties are shown; they are important for modelling. It also is shown how those properties have been modelled experimentally until now. Models described in the literature are evaluated and some new methods are pointed out which should be used for neuron model research so as to bring them nearer to the properties of real neurons and to make them really helpful in investigation of properties of the nervous system. Orig. art. has:

10 figures. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 11Feb65 / ORIG REF: 003 / SOV REF: 001 / OTH REF: 015

UDC: 615.621.3

Card 1/1F

L 3053-66 EEC(k)-2
ACCESSION NR: AP5026342

CZ/0088/65/000/001/0050/0055

32
31
B

AUTHOR: Nadvornik, P.; Melka, J.; Vesely, C.; Pelikan, V.; Drozen, V.
TITLE: Remarks on the choice of variables in the model of the nerve cell
SOURCE: Kybernetika, no. 1, 1965, 50-55

TOPIC TAGS: neuron, bionics, neurology

Abstract [authors' Czech and English summaries, modified]: A brief review is presented of the present knowledge about the structure, chemical composition and functions of the neuron. Most models of the neuron take into account excitatory and inhibitory synapses and therefore model positive and negative pulses. However, the pulses in the living nerve cell and in the nerve passages are always of the same type and character. Therefore the authors decided to model the biological neuron according to the 1903 theory of N.Ye. Vvedenskiy (Archiv fur die gesamte Physiologie, Vol 100, 1903, pp 1-144), with minor modifications to update it. This theory essentially distinguishes three basic variables in the system of the nerve cell: the frequency-modulated information transmission, the elementary memory, and the monistic approach to excitation and inhibition which regards inhibition as a special state of the excitation of the nerve cell.

Card 1/2

L 3053-66

ACCESSION NR: AP5026342

ASSOCIATION: Lekarska fakulta Karlovy university, Hradec Kralove (Medical Faculty
of Charles University)

SUBMITTED: 22Jun64

ENCL: 00

SUB CODE: LS

NO REF SOV: 012

OTHER: 012

JPRS

(b6)
Card 2/2

VSEBILY, Ctibor; FALTYNEK, Lubomir

The protective effect of ATP, AMP and adenosine on the ear exposed to excessive sound stimulation. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:319-325 '64.

1. Katedra fysiologie (prednosta: prof. MUDr. J. Melka)
a Otolaryngologicka klinika (prednosta: doc. MUDr. L.
Faltynek, CSc.) Karlovy University v Hradci Králové.

NADVORNIK, P.; MELKA, J.; VESELY, C.; PELIKAN, V.; DROZEN, V.

Remarks on the choice of variables in the nerve cell model.
Kybernetika 1 no.1:50-55 '65.

1. Faculty of Medicine of the Charles University, Hradec
Kralove. Submitted June 22, 1964.

FALTYNEK, L.; VESELY, C.

Effect of short-term sonic exposure on the microphonic potential
in guinea pigs. Cesk. otolaryng. 13 no. 6:313-317 N ' 64.

1. Klinika nemoci usnich, nosnich a krchnich (prednosta doc. dr.
L. Faltynek, CSc.) katedra normalni fyziologie (vedouci prof.
dr. J. Melka) lekarske fakulty Karlovy University v Hradci Kralove.

L 45946-66

ACC NR: AP6018273

SOURCE CODE: CZ/0088/65/000/006/0551/0559

AUTHOR: Macků, Jiří (Engineer, Candidate of science); Nádvorník, Pavel (Docent, Doctor, Candidate of science); Veselý, Ctibor (Doctor, Candidate of science)

46 B

ORG: Faculty of Medicine, KU, Hradec Králové (lékařská faculta KU)

TITLE: Model of a neuron with self-organizing capacity [Paper presented at the Seminar of the Main Commission of Cybernetics Problems in Biology and Medicine attached to the Ministry of Health held in Prague from 22 to 23 April 1965]

SOURCE: Kybernetika, no. 6, 1965, 551-559

TOPIC TAGS: neuron, cybernetics, self organizing system

ABSTRACT: This is the text of a lecture presented at a Seminar of the Commission for Cybernetics in Biology and Medicine attached to the Ministry of Health. The authors propose an electronic model of a neuron. The model represents more accurately the properties of a real neuron according to the present concepts than the models described previously. The most important property of the new model is its self-organizing capacity made possible by its memory. This self-organizing capacity influences the threshold according to the processed signals and provides for a spontaneous reorganization of the network from the original monistic network to

Card 1/2

L 45946-66

ACC NR: AP6018273

a dualistic network. Memory is now attributed to synaptic inputs of a neuron and, consequently, synapsis must be modeled differently than it has been done so far. The authors try to solve the problem by switching from the monistic to the dualistic interpretation of the self-organizing capacity of the neuron. In the primary stage the model has the properties of a monistic element. After a certain time the monistic network is changed to a dualistic one in which the passages which process signals of medium intensity increase their permeability, while transmission elements receiving intensive signals will close the way to all signals. Orig. art. has: 6 figures.

SUB CODE: 05,06/ SUBM DATE: 29Apr65/ ORIG REF: 003/ OTH REF: 002

Card 2/2 hs

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VESELY, Drahoslav, inz.

Selection of new indexes in the methods of planning. Zel dop
tech 12 no. 4:95-97 '64.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

VESELY, Drahoslav, inz.

To a higher effectiveness by a consistent performance of
the Decision of the 12th Congress of Communist Party of
Czechoslovakia. Zel dop tech 12 no. 3: 79-80 '64.

Z/037/63/000/001/007/008
E073/E335

AUTHOR: Vesely, D.

TITLE: Electrosparc-cutter with a device for optical orientation of the crystal being cut

PERIODICAL: Československý časopis pro fysiku, no. 1, 1963,
61 - 62

TEXT: A device for cutting crystals of any thickness by means of a moving, fine wire electrode has been developed. The orientation of the crystal planes are determined by the optical method. The disadvantage of this method, that only a few major crystallographic planes can be determined optically whilst the accuracy of determining other planes is limited by the accuracy of the goniometer, is eliminated almost entirely by orienting the crystal directly in the cutting apparatus; this is particularly simple when using the optical method. The developed electrosparc-cutter has built-in optical equipment for orienting the single crystals. On the metal frame 1 (Fig. 1) there is a slideable tool-holder 2 which carries a motor with the necessary winding gear for the copper wire. The tool-holder is automatically moved by the motor 3 at a rate which depends on Card 174

2/037/63/000/001/007/008
E073/E335

Electrospark-cutter with

the rate of removal of the material. The relay switches-on the motor if the voltage in the spark gap increases above the set value. The crystal to be cut 5 is clamped into the holder 4, which can turn about two mutually perpendicular axes by 360° and can slide both in the direction and transversely to the direction of the cutting plane. During the process of cutting the crystal is surrounded by a dielectric (preferably kerosene) in the bath 6. The bath can be withdrawn when the crystal is manipulated. The optical equipment 7 for producing a narrow parallel beam of white light can be adjusted within narrow limits to obtain a beam perpendicular to the cutting plane. The light from a bulb filament, placed into the focus of a parabolic mirror, is reflected and passes through a condenser and a screen (which screens-off edge inaccuracies) into an objective lens, which produces a parallel beam. The light passes through a circular hole of 1 mm in diameter of the screen 8, impinges on the crystal and is reflected onto a screen where it produces a characteristic etch pattern, which allows setting one of the main crystallographic planes of the crystal to be parallel with the cutting plane. Then any plane can be set by appropriately

Carc 2/4

Electrospark-cutter with ...

Z/037/63/000/001/007/008
E073/E335

turning the crystal in its holder. Setting up of the beam perpendicular to the cutting plane is effected by clamping the crystal and cutting. A plane-parallel glass is glued to the thus-produced plane and the optical equipment is adjusted in such a way that the beam again passes through the aperture of the screen. In this way, the perpendicularity of the beam relative to the cutting plane can be adjusted with an angular accuracy of a few minutes. By means of this apparatus areas of 1 cm² and larger have been cut on zinc single crystals. Laue patterns did not show deviations in the specimen surfaces from the determined crystallographic planes. From measurements on a two-crystal spectrometer the deviation from the crystallographic plane is estimated at below $\pm 10'$, which is adequate for a number of purposes. There is 1 figure.

ASSOCIATION: Fysikální ústav ČSAV, Praha
(Physics Institute, CSAV, Prague)

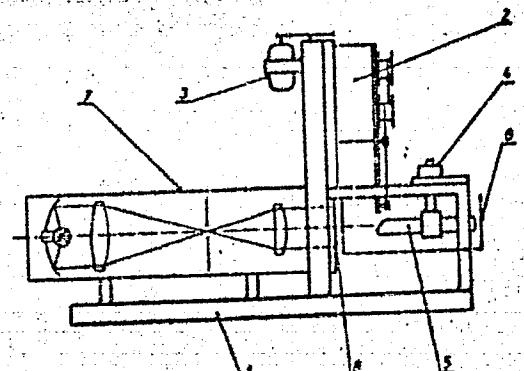
SUBMITTED: July 3, 1962

Card 3/4

Z/037/63/000/U01/007/008
E073/E335

Electrospark-cutter with

Fig. 1:



Card 4/4

EXCERPTA MEDICA Sec 6 Vol 13/1 Internal Med. Jan 59

126. STATISTICAL STUDY OF SOME EFFECTS OF ATMOSPHERIC FRONTS ON HYPERTENSIVE PATIENTS - Statistická studie některých povlknostních front na hypertoniky - Veselý E. and Joachim J. Výzkumný Inst. Balneol., Pracoviště Mariánských Lázní a Praha - ČAS. LÉK. ČES. 1957, 96/29 (937-940) Tables 3

In 65 hypertensive and 13 neurotic patients, the receptivity to atmospheric fronts was studied. From an analysis of daily reports on the subjective condition it was possible to label only 2 women as receptive, one of them to warm fronts and the other one to cold ones. Statistical analysis by several methods has shown that all other observed coincidences could be attributed to accident or to other factors than meteorological ones.

(XVIII, 6, 17)

VESELY, E.

One hundred years of synoptic meteorology. Meteor zpravy
16 no. 5:153 0'63.

VESELY, E., FMDr.

Air temperature rhythm in the winter season 1962/63.
Meteospravy 16 no. 3/4: 95-97 Ag '63.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii.

VESELY, E.

Thermoisopleths. Meteorolog spravy 15 no.5:139-143 o '62.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii.

VESELY E.
EXCERPTA MEDICA Sec.18 Vol.2/4 Cardiovascular Dis. Apr 58

1109. Statistical study of some effects of atmospheric fronts on hypertensive patients
Statistická studie některých povětrnostních front na hypertoniky. VESELÝ E. and
JOACHIM J. Výzkumný Ust. Balneol., Pracoviště, Mariánských Lázních a Praha
Cas. Lék. čes. 1957, 96/29 (937—940) Tables 3

In 65 hypertensive and 13 neurotic patients, the receptivity to atmospheric fronts was studied. From an analysis of daily reports on the subjective condition it was possible to label only 2 women as receptive, one of them to warm fronts and the other one to cold ones. Statistical analysis by several methods has shown that all other observed coincidences could be attributed to accident or to other factors than meteorological. (XVIII, 6, 17*)

VESELY, Emil

IPSER, Josef; MEDLACKA, Blanka; VESELY, Emil

Comparison of thermic effects of hyperthermic mud and water baths.
Ces. lek. cest. 96 no. 29:914-917 12 July 57.

1. Vykladny ustav balneologie, Pracoviste v Praze, reditel prof.
MUDr F. Prerovsky,

(BALNEOLOGY,

eff. of hyperthermic water baths, comparison with
hypothermic muds (Cs¹³⁷)

(MUD THERAPY

eff. of hyperthermic muds, comparison with hyperthermic
water baths (Cs¹³⁷)

VESELY, Emil; JOACHIM, Jiri

Statistical study of effects of atmospheric fronts on hypertension.
Cas. lek. cesk. 96 no. 29:917-918 12 July 57

1. Vyzkumný ústav balneologický, pracoviste v Mariánských a v Praze,
ředitel prof. MUDr Karel Frerovský.

(HYPERTENSION, physiol.)

eff. of atmospheric fronts (Cs))

(WEATHER,

eff. of atmospheric fronts on hypertension (Cs))

SETINA, Rudolf, MUDr.; VESELY, Emil, MUDr.

Experience in the protection of the perineum with hyaluronidase.
Cesk. gyn. 21 no.5:304-306 Sept 56.

1. Gyn. por. odd. OUNZ Piestany, prednosta primar MUDr. Emil Vesely.
(PERINEUM, wounds and injuries
laceration in labor, prev. with hyaluronidase (Cz))
(LABOR, complications
perineal lacerations, prev. with hyaluronidase (Cz))
(HYALURONIDASE, therapeutic use
prev. of perineal laceration in labor (Cz))

VESELY, Emil

Management of old perineal section in new delivery. Cesk. gyn.
19 no. 5:343-346 Sept 55.

1. Z por. -gyn. odd. OUNZ Piestany, primar MUDr. Emil Vesely.
(DELIVERY,
management of perineal section from previous delivery.)

VESELY, Emil

An accelerated hyperemia pregnancy test. Cesk. gyn. 26 no.3:
224-225 Ap '61.

1. Gyn. por. odd. UNZ v Plestanoch, prednosta MUDr. E. Vesely.
(PREGNANCY TESTS)

VESELY, E.

Three-dimensional diagrams, a useful means. Meteor zpravy 15
no.3/4:99-101 Ag '62.

1. VUFBK..

VESELY, Frantisek (Prague)

History of the efforts of the Association of Czechoslovak
Mathematicians and Physicists to improve the teaching of
mathematics and physics. Pokroky mat fyz astr 9 no.6:369-
375 '64.

VESELY, F.

Complex trivalent metols of the third group of periodic systems. Pt.2.
Coll Cz Chem 29 no.2:557-559 F '64.

1. Chemical Institute, Higher School of Agriculture, Prague.

BOHACOVA, Z.; VESELY, F.

The cooperation between the agricultural research and farms.
Vestnik vyzk zemedel 9 no.7:365-371 '62.

1. Ustav vedeckotechnickych informaci, Ministerstvo zemedelstvi,
lesniho a vodniho hospodarstvi.

VESELY, F.

Examination of the La^{3+} -acetate complexes by dialysis and
paperiontophoresis. Coll Cz Chem 28 no.2:444-448 F '63.

1. Chemisches Institut, Landwirtschaftliche Hochschule, Prag.

Z
CZECHOSLOVAKIA

VESELY, F; FRIED, V; PICK, J.

Institute of Physical Chemistry of the Technical High School
of Chemistry, Prague (fo; all)

Prague, Collection of Czechoslovak Chemical Communications,
No 6, 1963, pp 1459-1466

"Equal Weight Fluidity-Fluidity in the System n-Butylacetate-
Water-Phenol."

VESELY, F.; FRIED, V.; PICK, J.

Equilibrium liquid-liquid in the system n-butylacetate-water-phenol. Coll Cz Chem 28 no.6:1459-1467 Je '63.

1. Institut fur physikalische Chemie, Technische Hochschule
fur Chemie, Prag.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VEJSADA, Frantisek (Ceske Budejovice); LEPIL, Oldrich (Gottwaldov);
SIMEK, Frantisek (Liberec); VESELY, Frantisek (Plzen); BURES,
Jarolim

Reports from branch organizations. Pokroky mat fyz astr 8
no.4:254-258 '63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

WESELY, Frantisek

Preparation for the 30th International Foundry Congress. Slevarenstvi
ll no.2;36 F '63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VESELY, Frantisek (Plzen)

Development of the organization of scientific work in Czech
Lands, Pt.3.Pokroky mat fyz astr 8 no.6:313-331 '63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VESELY, Frantisek (Plzen)

Development of the organization of scientific activities in
Czech Lands. Pt.l. Pokroky mat fyz astr 8 no.4:185-196 '63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

VESELY, F.

CZECHOSLOVAKIA

VESELY, F.

CSSR

Chemical Institute, University of Agriculture, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 2, 1963,
pp 141-148

"Examination of La³⁺-Acetate Complexes by Means of Dialysis and
Paper Iontophoresis"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

Vesely, Frantisek

"Equations and inequalities" by Juraj Bešák. Reviewed by Frantisek Vesely. Pokroky mat. fyz. astr. 9 no. 5: 322-323 '64.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VESELY, Frantisek

"On divisibility of numbers" by Alexandr Bialas. Reviewed by Frantisek Vesely. Pokroky mat fyz astr 7 no.5:295 '62.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

MRADECKY, Frantisek; VESELY, Frantisek; MIKESKA, Jindrich; HUSTY, Zdenek

Reports of the branches of the Association of Czechoslovak Mathematicians
and Physicists. Pokroky mat fys astr 7 no.5:316-320 '62.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

SIMEK, Frantisek (Liberec); HORACEK, Rudolf, (Olomouc); VESELY, Frantisek
(Plzen)

Reports from Branches of the Association of Czechoslovak Mathematicians and Physicists. ~~Praha~~ 1963, 181-182, 183-184, 185-186.

VESELY, Frantisek

"What we know and do not know on prime numbers" by Waclaw Sierpinski.
Reviewed by Frantisek Vesely. Pokroky mat fyz astr 7 no.5:296-297
'62.

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CIA-RDP86-00513R001859620005-5

VESELY, Frantisek (Plzen, Bearuccova 22)

Ninety years of "Casopis pro postovani matematiky".
Cas pro pes mat 87 no.2:132-147 '62.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

KOSTAL, Rostislav; HOREJS, Jiri; VEJSADA, Frantisek; LEPIL, Oldrich;
PECINA, Vaclav; LAITOCH, Miroslav; VESELY, Frantisek;
KLEIN, Tomas

The activities of the Association of Czechoslovak Mathematicians
and Physicists. Pokroky mat fyz astr 7 no.4:252-258
'62.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

VESELY, Frantisek, inz.

Thirtieth International Foundry Congress. Tech prace 15
no. 9:683-687 S'63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

URBAN, Alois; VESELY, Frantisek; DUSEK, Frantisek; LAITOCH, Miroslav

Reports on the activities of the branches of the Association
of Czechoslovak Mathematicians and Physicists. Pohroky mat
fyz astr 6 no.1:63-68 '61.

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CIA-RDP86-00513R001859620005-5"

VESELY, Frantisek

The exhibition of writings on agriculture and forestry in
Prague. Vestnik vyzk zemedel 9 no.6:305 '62.

1. Ustav vedeckotechnickych informaci, Ministerstvo zemedelstvi,
lesniho a vodniho hospodarstvi.

CZECHOSLOVAKIA / Inorganic Chemistry. Complex
Compounds.

C-1

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 740.

Author : Veprek-Siska, J.; Pliska, V.; Smirous, F.; Vesely, F.
Inst : Not given.
Title : Inorganic Nitrogen Compounds. II. The Mechanism
for the Decomposition of Aqueous Hyponitrate Solu-
tions.

Orig Pub: Chem. listy, 1958, 52, No 2, 184-189.

Abstract: The mechanism for the decomposition and oxidation
of aqueous solution of $\text{Na}_2\text{N}_2\text{O}_3$ (I), also the effect
of pH on the stability of solutions was investigated.
The direction of isothermal dehydration of the sys-
tem I + water at 20° C . indicates the presence of
the monohydrate of I. Depending on the volume of
gas, separated by complete decomposition of I in

Card 1/4

CZECHOSLOVAKIA / Inorganic Chemistry. Complex
Compounds.

C-1

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 740.

Abstract: aqueous solution at 100° C. and at different pH, this decomposition in alkali medium takes place according to the following equation: $2\text{N}_2\text{O}_3^{2-} + 4\text{H}_2\text{O} = \text{N}_2\text{O} + 2\text{NO}_2^- + 2\text{OH}^-$, and in acid medium to the equation: $\text{N}_2\text{O}_3^{2-} + 2\text{H}^+ = 2\text{NO} + \text{H}_2\text{O}$. A gas analysis for the rate of decomposition of the solutions of I at 20° C. and 55° C., and their rate of oxidation at 20° C. depending on the pH, indicated that I is stable in a strong alkali medium, but by decreasing the alkalinity its stability also decreases. As the result of hydrolysis, the stable $\text{N}_2\text{O}_3^{2-}$ anion is converted into the unstable HN_2O_3^- anion, which upon rupture of the N-N bond decomposes readily according to the following equation;

Card 2/4

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CZECHOSLOVAKIA / Inorganic Chemistry. Complex Compounds.

C-1

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 740.

Abstract: $\text{HN}_2\text{O}_3^- \rightarrow \text{HNO} + \text{NO}_2^-$. This decomposition was investigated photometrically; the reaction of the $\text{HNO}(\text{NO}^-)$ anion with $\text{K}_2[\text{Ni}(\text{CN})_4]$ to form the colored anion $[\text{Na}(\text{CN})_3\text{NO}]^{2-}$ was studied. The HNO , formed initially in the absence of air, is further decomposed by $\text{N}_2\text{O} + \text{H}_2\text{O}$; with air it is oxidized primarily to HNO_2 ; NO_2^- is the only oxidation product of I. The formation of the $\text{H}_2\text{N}_2\text{O}_2$ dimer of HNO was not observed. Based on the formation of the unstable HNO from the decomposition of I, several properties of I can be explained: in the reaction of I with Ag^+ , the corresponding silver salt is not formed because the HNO is oxidized by Ag^+ to NO_2 . In a similar way one

Card 3/4

CZECHOSLOVAKIA / Inorganic Chemistry. - Complex
Compounds.

C-1

Abs Jour: Ref Zhur-Khimija, No 1, 1959, 740.

Abstract: can explain the decomposition of I in strong acid
solutions, with the formation of NO, according to
the equation: $\text{HNO}_3 + \text{HNO}_2 = 2\text{NO} + 2\text{H}_2\text{O}$. For commu-
nication I see R. Zh. Khim., 1958, 77305. -- K.
Katen.

Card 4/4

9

VESELY, Frantisek

Important international survey of apparatus and instruments used in
agriculture in Budapest. Vestnik CSAZV 7 no.8;385-388 '60. (EEAI 10:3)
(Agriculture) (Budapest--Exhibitions)

VESELY, F.

Life of Bernard Bolzano and his works on mathematics and natural history.
(To be contd.)
(Pokroky Matematiky, Fysiky A Astronomie, Vol. 2, no. 2, 1957. Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

Distr: 1E3d

z7

✓ Inorganic nitrogen compounds. III. The separation of inorganic nitrogen compounds by paper ionophoresis. Josef Vesík-Sáka, František Šmitous, Vladimír Plíška, and František Vesely (Vysoká škola chem. technol., Prague). Chem. Listy 52, 410-12 (1958); cf. C.A. 52, 19651g.—Paper ionophoresis on Whatman paper no. 1 was used for the sepn. of NH_4^+ , NH_3OH , N_2H_4 , $\text{N}_2\text{O}_4^{--}$, $\text{N}_2\text{O}_5^{--}$, NO_3^- , and NO_2^- . Three procedures are required for the detection of the above ions: Treatment with 0.5% K_3HgI_4 in 2.5% NaOH developed NH_4^+ , NH_3OH , and N_2H_4 ; treatment with 1% AgNO_3 and irradiation with ultraviolet detected $\text{N}_2\text{O}_4^{--}$ and $\text{N}_2\text{O}_5^{--}$; and treatment with 1% soln. of KI with 0.5% starch detected NO_3^- and NO_2^- . M. Hudlický.

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CIA-RDP86-00513R001859620005-5

VESELY, Frantisek

For improvement of instruments for agricultural and forestry research.
Vestnik CSAZV 8 no.10:569-571 '61.

1. Ustav vedeckotechnickych informaci Ceskoslovenske akademie zemedelskych ved, Praha.

(Agriculture) (Forests and forestry)

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CIA-RDP86-00513R001859620005-5"

VESELY, F.
COUNTRY : Czechoslovakia
CATEGORY :
ABS. JOUR. : RZKhim., No. 22 1959, No. 78113
AUTHOR : Veprek-Siska, J., Pliska, V., Smirous, F., and *
INST. : Not given
TITLE : Inorganic Compounds of Nitrogen. I. Mechanism
of the Decomposition of Aqueous Solutions of
Hyponitrate
ORIG. PUB. : Collection Czechoslov Chem Commun, 24, No 3, 687-
693 (1959)
ABSTRACT : See RZKhim, 1959, No 1, 740.

CARD: 1/1 * Vesely, F.

VESELY, Frantisek

A successful survey of apparatus and instruments used in agricultural and forestry research. Vestnik CSAZV 9 no.3:151-153 '62.

1. Ustav vedeckotechnickych informaci, Ceskoslovenska akademie zemedelskych ved, Praha.

NOSEK, Antonin; JELINEK, Karel; VESELY, Frantisek

Using methods of work analysis in organizing work and worksites
in foundries. Slevarenstvi 10 no.3;110-113 Mr '62.

1. Laborator pracovnich rozboru, Technicko-organisacni vyzkumny
ustav strojirenaky (for Nosek and Jelinek). 2. Ceskomoravska-
Kolben-Danek Praha, Slevarny Vysocany (for Vesely).

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CIA-RDP86-00513R001859620005-5

APPROVED FOR RELEASE: 09/01/2001

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"APPROVED FOR RELEASE: 09/01/2001

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CIA-RDP86-00513R001859620005-5"

Vesely, F

Vesely, F. The goal of research activities is to help the practice. P. 621,
Vol. 3, no. 12, 1956, VESTNIK Praha, CZECHOSLOVAKIA

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

VESELY, F.

The importance of inspection in foundries. p. 297

SLEVARENSTVI (Ministerstvo strojirenstvi a Ministerstvo hutniho prumyslu
a rudnych dolu), Vol. 4, No. 10, Oct. 1956

Praha, Czechoslovakia

SOURCE: First European List (EEAL) Library of Congress, Vol. 6, No. 1,
January 1957

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VESELY, Ferdinand

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(Ucebni texty vysokych skol) [Introduction to Infinitesimal Calculus. Vol. 1. diagrs.]

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

Vesely, František

Distr: 4E3c

Inorganic nitrogen compounds. II. The mechanism of decomposition of aqueous solutions of $\text{Na}_2\text{N}_2\text{O}_2$.²⁷ Josef Veprek-Siská, Vladimír Příkla, František Šmídrouš and František Vesely (Vysoká škola chem.-technol., Praha). Chem. Listy 52, 184-9 (1958); cf. C.A. 52, 11631Z. The stability of aq. solns. of $\text{Na}_2\text{N}_2\text{O}_2$ depends on the concn. of the OH^- ions. With decreasing alky. of the soln. the hydrolysis of the $\text{N}_2\text{O}_4^{2-}$ ions proceeds deeper and a fission of the N-N bond takes place by which HNO and NO_3^- are formed. The decompn. and oxidation of the HNO primarily formed cause the instability of the aq. solns. of $\text{N}_2\text{O}_4^{2-}$. P. Erdős

VESELY, FRANTISEK

"vyroba odlitku do skorepinovych form. (Vyd. 1.) Praha, Statni nakl.technicke
literatury, 1957. (Casting in shell molds. 1st ed. illus., bibl., diagrs.,
graphs)"

62 p. (Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

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CIA-RDP86-00513R001859620005-5

VESELY, F.

New trends in corn breeding. p. 131. (VESTNIK. Praha) (Vol. 4, No. 3, 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

~~VESELY, I.~~
~~VESELY, Ludovit~~

Jensen's retinochorioiditis juxtapapillaris. Cesk. ofth. 14 no.1:49-
52 Feb 58.

1. Oftalmologiska katedra SUDL.
(CHOROIDITIS
retinochorioiditis juxtapapillaris (Cx))
(RETINITIS
same)

VESELY, I.

Proper planning of housing units is the way to more economical and better living. p. 448. POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha. }
Vol. 3, no. 11, Nov. 1955.

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MASTERA, Lubomir, promovany geolog; POKORNY, Jozef, RNDr.; VESELY, Jaroslav,
promovany geolog

Regional metallometry of the Nasavrky plutonic rock. Geol pruzkum
7 no.2:43-45 F '65.

1. Geologicky pruzkum National Enterprise Brno, Branch Jihlava.

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CIA-RDP86-00513R001859620005-5

VESELY, J., dr.

Faster development of the system of scientific technical and economic informations. Jemna mech opt 5 no.2;70-71 F '60.

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CIA-RDP86-00513R001859620005-5"

VESELY, J.; CHVOJKA, Z.

Use of the comparative method in determining technologically justified efficiency standards. p. 316.

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VESELY, J.

Problems concerning protection of nature in Czechoslovakia. p. 125.

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Feb. 1960. Uncl.

STEBEL, F., inz.; KUBINA, R., inz.; CHVOJKA, Jan, inz.; KECLIK, V., inz.;
ELFMARK, J., inz.; SORAL, J., inz.; MRAZ, V., inz.; VESELY, J.,
inz.

Information. Hut listy 18 no. 9:666-680 8'63.

VEGELY, J.

Radar for multiple information. p.5

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 1, Jan. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 8, August 1959
Uncl.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5

KEPKA, M., ins.; PUNCOCHAR, Zd., inz.; VESELY, J., inz.; KECLIK, V., inz.; BECVAR, J., inz.; RANT, Pavel, inz.; CHVOJKA, Jan, inz.; SOMMER, B., inz. KALIVODA, A., inz.; HRBEK, A.

Information on metallurgy. Hut listy 18 no. 3:207-223 Mr '63.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859620005-5"

VESELY, J.

Formation of technically justified efficiency standards for car repairs in the shops of Czechoslovak railroads. p. 210.

ZELEZNICNI DOPRAVA A TECHNIKA. (Ministerstvo dopravy)
Praha, Czechoslovakia
Vol. 7, no. 7, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11.
Nov. 1959
Uncl.

VESELY, J.

"Problems of compound electronic equipment." p. 290

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 10, Oct., 1955

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Unclassified

VESELY, J.

"Capacity of a radar stations." p. 203

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 7, July, 1955

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Unclassified

VESELY, J.; SEIFERT, J.; NEDVIDEK, J.

Microspectrophotometry of the deoxyribonucleic acid in the thymus
cells of leukaemic and normal AK mice. Neoplasma 8 no.4:379-386
'61.

I. Institute of Organic Chemistry and Biochemistry, CSAS; Dpt of
Biochemistry, Laboratory for Biochemical Cancer Research and the
Chair of General Zoology and Comparative Physiology, Faculty of
Natural Sciences, Charles University, Prague, Czechoslovakia.
(DESOXYRIBONUCLEIC ACID chem.)

(THYMUS GLAND chem.) (LEUKEMIA LYMPHOCYTIC experimental)

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Some aspects of the pathogenesis of spontaneous and transplantation lymphoid leukaemia in AK mice. Neoplasma 8 no.4: 363-370 '61.

1. Institute of Organic Chemistry and Biochemistry, CSAS, Dept. of Biochemistry, Laboratory of Biochemical Cancer Research; Chair of General Zoology and Comparative Physiology, Faculty of Natural Sciences, Charles University, Prague, Czechoslovakia.
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The immunization of leukaemic AK mice with isologous leukaemic
cells incubated in 5-bis-(2-chloroethyl) aminomethyluracil.
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1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Sciences, Prague, CSSR.

(LEUKEMIA, EXPERIMENTAL)
(NEOPLASM IMMUNOLOGY)
(ANTINEOPLASTIC AGENTS)
(PHARMACOLOGY)

VESELY, J.

The generation time of the leukemia myeloblasts in vivo in
fowl leukemia. Neoplasma 10 no.6: 593-596 '63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Sciences, Prague, Czechoslovakia.

VISELY, J.

The incorporation of the tritiated thymidine into deoxyribonucleic acid of mouse leukemic cells. Neoplasma
10 no. 58483-486 '63.

1. Institute of Organic Chemistry and Biochemistry,
Czechoslovak Academy of Sciences, Prague, CSSR.

*

VESELY, Jar., ins.

"Steel tubes" by [prof. dr. inz.] H. Pocta. Vol. 1. Reviewed
by Jar. Vesely. Hut listy 19 no. 4: 301 Ap '64.
1. Ministry of Metallurgic Industry and Ore Mines.

VESELY, Jan; SWIETOCHOWSKI, T., mgr inz.

The CZ 250 cm³ 455 type motorcycle. Techn motor 12 no. 11:
387-389 N '62.

1. Czeskie Zaklady Motocyklowe, Strakonice (for Vesely).

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CIA-RDP86-00513R001859620005-5

PUNCOCHARM Z., inz.; VESELY, J., inz.; KEPKA, M., inz.; KECLIK, V., inz.;
HREBK, A.; KRUMHAL, F., inz.; HENDA, O.

Information. Hut listy 18 no.8:597-605 Ag '63.

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